

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(x-ray and fluid and jet and curvilinear and cross and section and radiation and beam).CLM.	US-PGPUB	OR	ON	2006/09/28 18:34
L2	0	(x-ray and fluid and jet and curvilinear and cross and section and electron and beam).CLM.	US-PGPUB	OR	ON	2006/09/28 18:34
L3	0	(x-ray and fluid and jet and curvilinear and cross-section and electron and beam).CLM.	US-PGPUB	OR	ON	2006/09/28 18:34

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5569	((378/43,119,121,122,143) or (250/310,504R)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/28 17:41
L2	1	1 and ((fluid adj2 jet) same ((electron adj2 beam) or (beam with charged with particles) or (radiation adj2 beam)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/28 17:45
L3	7	1 and ((fluid adj2 jet) and ((electron adj2 beam) or (beam with charged with particles) or (radiation adj2 beam)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/28 17:45
L4	6	3 not 2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/28 17:47
L5	38	1 and (cross with section with (smaller or larger) with beam)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/28 17:49
L6	9	1 and (cross with section with (fluid or jet or nozzle or orifice or opening or aperture) with (smaller or larger) with beam)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/28 17:49
L7	14	Buijsse-Bart.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/28 17:51
L8	2	7 and (fluid or jet)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/28 17:51
S1	0	("(x-rayadjmicroscope)and(fluidwith hjet)and(electronwithbeam)").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/01 13:15
S2	3	(x-ray adj microscope) and (fluid with jet) and (electron with beam)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/28 17:43
S3	10939	(electron with beam) and (fluid or liquid) and x-ray	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/06 18:11

## EAST Search History

S4	121	((electron with beam) and (fluid or liquid) and x-ray) and (fluid with jet)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/06 17:31
S5	479	((electron with beam) and (fluid or liquid) and x-ray) and ((fluid or liquid) with jet)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/06 18:12
S6	10169	(electron adj beam) and (fluid or liquid) and x-ray	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/06 18:12
S7	458	((electron adj beam) and (fluid or liquid) and x-ray) and ((fluid or liquid) with jet)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/06 18:12
S8	367	((electron adj beam) and (fluid or liquid) and x-ray) and ((fluid or liquid) with jet)) and (imaged or imaging or image)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/06 18:13
S9	159	((electron adj beam) and (fluid or liquid) and x-ray) and ((fluid or liquid) with jet)) and (imaged or imaging or image)) and microscope	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/06 18:13
S10	1	((electron adj beam) and (fluid or liquid) and x-ray) and ((fluid or liquid) with jet)) and (imaged or imaging or image)) and microscope) and ("378"/\$.ccls. or "250"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/06 18:14
S11	117	((electron adj beam) and (fluid or liquid) and x-ray) and ((fluid or liquid) with jet)) and (imaged or imaging or image)) and microscope) and (electron adj microscope)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/06 18:15
S12	1	((electron adj beam) and (fluid or liquid) and x-ray) and ((fluid or liquid) with jet)) and (imaged or imaging or image)) and microscope) and (electron adj microscope)) and (condenser with lens)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/06 18:16
S13	59	(soft adj x-ray) and (fresnel adj zone adj plate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/06 18:17

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S14	1	((soft adj x-ray) and (fresnel adj zone adj plate)) and (electrically adj charged adj particles)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/06 18:17
S15	49	((soft adj x-ray) and (fresnel adj zone adj plate)) and (electron or electrons)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/06 18:18
S16	16	((soft adj x-ray) and (fresnel adj zone adj plate)) and (electron or electrons)) and (fluid or liquid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/06 18:18
S17	190	(378/43).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/05/06 19:14
S18	20	((378/43).CCLS.) and (fluid or liquid)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/07 10:55
S19	39	"378"/\$.ccls. and pump and gallium and pressure	USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/07 15:44
S20	247	x-ray with (liquid with (oxygen or nitrogen))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/07 15:45
S21	50	(x-ray with (liquid with (oxygen or nitrogen))) and (electron adj beam)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/07 15:48
S22	1	((x-ray with (liquid with (oxygen or nitrogen))) and (electron adj beam)) and (water-window with microscopy)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/07 15:49
S23	35	((x-ray with (liquid with (oxygen or nitrogen))) and (electron adj beam)) and (microscope or microscopy)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/07 15:49
S24	34	((x-ray with (liquid with (oxygen or nitrogen))) and (electron adj beam)) and (microscope or microscopy)) not ((x-ray with (liquid with (oxygen or nitrogen))) and (electron adj beam)) and (water-window with microscopy))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/07 16:06

## EAST Search History

S25	47	((X-ray adj microscope) and (condenser adj lens))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/07 16:07
S26	21	((((X-ray adj microscope) and (condenser adj lens))) and (target and (object or specimen)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/07 16:07
S27	47	(x-ray with microscope) and (electron with beam) and (liquid or fluid) and (soft with x-ray)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/07 18:38
S28	3	(x-ray adj microscope) and (fluid with jet) and (electron with beam)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 14:02
S29	398	x-ray and (fluid with jet) and electrons	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 14:02
S30	128	x-ray and (fluid with jet) and (electron with beam)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 14:04
S31	7	(x-ray and (fluid with jet) and (electron with beam)) and "378"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 14:04
S32	1653	(250/310).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/10/27 16:26
S33	0	((250/310).CCLS.) and ((fluid with jet) and (electron with beam))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/27 16:36
S34	0	((250/310).CCLS.) and ((fluid with jet) and (electrons))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/27 16:27
S35	0	((250/310).CCLS.) and (fluid with jet)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/27 16:28
S36	13	((250/310).CCLS.) and jet	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/27 16:28

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S37	1369	((250/310).CCLS.) and (electron with beam)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/27 16:35
S38	1369	((250/310).CCLS.) and (electron with beam)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/27 16:36
S39	2148	250/310 and (electron with beam)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/27 16:36
S40	1369	250/310.ccls. and (electron with beam)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/27 16:36
S41	33	(250/310.ccls. and (electron with beam)) and (liquid with (oxygen or nitrogen))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/27 17:31
S42	998	(250/504R).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/10/27 17:31
S43	23	((250/504R).CCLS.) and (plasma and jet)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/27 17:31
S44	41	((250/504R).CCLS.) and (plasma and jet)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/27 17:34
S45	3	Buijsse-Bart.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/28 17:51
S46	28	((250/504R).CCLS.) and (plasma and jet)) and (liquid or fluid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/27 17:57
S47	17	((250/504R).CCLS.) and (plasma and jet)) and (liquid or fluid)) and ((electron or electrons) with beam)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/27 17:57
S48	3	(x-ray adj microscope) and (fluid with jet) and (electron with beam)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/27 18:04

## EAST Search History

S49	42	(x-ray with microscope) and ((fluid or liquid) with jet) and (electron with beam)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/27 18:19
S50	6	((("4723262") or ("5637962") or ("4053783"))).PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/10/27 18:12
S51	0	("WO9951357").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/10/27 18:18
S52	0	WO9951357	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/27 18:18
S53	0	WO9951357	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/27 18:18
S54	2	(x-ray with microscope) and ((fluid or liquid) with jet) and (electrically with charged with particles)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/27 18:43
S55	560	x-ray and ((fluid or liquid) with jet) and ((electrically with charged with particles) or (electron with beam))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/06 16:24
S56	47	(x-ray and ((fluid or liquid) with jet) and ((electrically with charged with particles) or (electron with beam))) and ("378"/\$.ccls. or "250"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/27 19:06
S57	2	("6711233").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/10/27 19:30
S58	10	("4723262"   "4953191"   "5577091"   "5577092"   "5978444"   "6002744"   "6011267"   "6069937"   "6324255"   "6469310").PN.	USPAT	OR	ON	2004/10/27 19:06
S59	0	"6711233".URPN.	USPAT	OR	ON	2004/10/27 19:13
S60	0	"6711233".URPN.	USPAT	OR	ON	2004/10/27 19:13
S61	6	smith-er-robert-k.in.	USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/27 19:30

## EAST Search History

S62	6	smither-robert-k.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/27 19:30
S63	679	(jet with electron with beam)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/01 13:15
S64	93	(jet with electron with beam) and x-ray	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/01 13:15
S65	22	(jet with electron with beam) and x-ray and ("378"/\$.ccls. or "250"/\$.ccls.)	USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/01 13:16
S66	11	((("6002744") or ("4723262") or ("5044001") or ("4953191") or ("5835262"))).PN.	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/09/01 16:07
S67	714	x-ray and ((fluid or liquid) with jet) and ((electrically with charged with particles) or (electron with beam))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/06 16:36
S68	1	S67 and (((fluid or liquid) with jet) with (curvilinear or elliptical) with section)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/06 16:27
S69	30	((((fluid or liquid) with jet) with (curvilinear or elliptical) with section)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/06 16:35
S70	2	x-ray and (((fluid or liquid) with jet) with (curvilinear or elliptical) with section)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/06 16:38
S71	2888	((378/43,122) or (250/310, 504R)).CCLS.	USPAT; EPO; JPO; DERWENT	OR	OFF	2006/02/06 16:36
S72	10	S71 and ((fluid or liquid) with jet) and ((electrically with charged with particles) or (electron with beam))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/06 16:36
S73	0	S72 and (((fluid or liquid) with jet) with (curvilinear or elliptical) with section)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/06 16:49
S74	35	S71 and ((curvilinear or elliptical) with section)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/06 16:39



## EAST Search History

S75	0	S72 and ((fluid or liquid) with jet with section)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/06 16:49
S76	0	S72 and ((fluid or liquid) with jet with cross-section)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/06 16:49
S77	0	S71 and ((fluid or liquid) with jet with cross-section)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/06 16:50
S78	42	x-ray and ((fluid or liquid) with jet with cross-section)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/06 16:50
S79	2	x-ray and ((fluid or liquid) with jet with cross-section with (curvilinear or elliptical or oval))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/02/06 16:50
S80	9	(("6002744") or ("4723262") or ("5044001") or ("5835262")).PN.	USPAT; EPO; JPO; DERWENT	OR	OFF	2006/02/06 19:39
S81	2	("6002744").PN.	USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/10 19:55